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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/171,432 11/23/98 FIELDS

H 03063-0231US

HM12/0913

JONES & ASKEW
191 PEACHTREE STREET N E
37TH FLOOR
ATLANTA GA 30303-1769

EXAMINER

BRUMBACK, B

ART UNIT

PAPER NUMBER

1642

DATE MAILED:

09/13/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
COMMISSIONER OF PATENTS AND TRADEMARKS
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DEA/FCE-1894

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/171,432	11/23/2000	Fields et al.	03063-0231US

EXAMINER	
Brenda Brumback	
ART UNIT	PAPER NUMBER
1642	12

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application

Commissioner of Patents

The reply filed 04/24/2000 is not fully responsive to the communication mailed 03/06/2000 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report.

Since the above-mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of **ONE (1) MONTH or THIRTY (30) DAYS**, from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME LIMIT MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Brumback whose telephone number is (703) 306-3220. If the examiner can not be reached, inquiries can be directed to Supervisory Patent Examiner Anthony Caputa whose telephone number is (703) 308-3995. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196. Papers related to this application may be submitted to Group 1600 by facsimile transmission. Papers should be faxed to Examiner Brenda Brumback, Art Unit 1642 and should be marked "OFFICIAL" for entry into prosecution history or "DRAFT" for consideration by the examiner without entry. The Art Unit 1642 FAX telephone number is (703)-305-3014. FAX machines will be available to receive transmissions 24 hours a day. In compliance with 1096 OG 30, the filing date accorded to each OFFICIAL fax transmission will be determined by the FAX machine's stamped date found on the last page of the transmission, unless that date is a Saturday, Sunday or Federal Holiday with the District of Columbia, in which case the OFFICIAL date of receipt will be the next business day.

BB

September 12, 2000

Brenda Brumback
Brenda Brumback
Patent Examiner

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ A substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ A substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

1642

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/171,432

DATE: 05/09/2000
TIME: 15:52:08

Input Set : A:\genl.txt
Output Set: N:\CRF3\05092000\I171432.raw

4 (1) GENERAL INFORMATION:
E--> 6 (i) APPLICANT: *insert mandatory heading and response - no address*
16 (ii) TITLE OF INVENTION: Antigenically Reactive Regions of the
17 Hepatitis A Virus Polyprotein
19 (iii) NUMBER OF SEQUENCES: 88
E--> 0 (iv) CORRESPONDENCE ADDRESS: *(A) ADDRESSEE?*
9 (B) STREET: Mail Stop E-67, Executive Park, Bldg. 4,
10 Suite 1103
11 (C) CITY: Atlanta
12 (D) STATE: Georgia
13 (E) COUNTRY: U.S.A.
C--> 14 (F) ZIP: 30329
C--> 21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
C--> 0 (vi) CURRENT APPLICATION DATA:
C--> 0 (A) APPLICATION NUMBER: US/09/171,432
C--> 0 (B) FILING DATE: 23-Nov-1998
C--> 0 (viii) ATTORNEY/AGENT INFORMATION:
7 (A) NAME: The Government of the United States of
8 America as represented by the ...

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

EPO format
of
Patent In

is invalid
for U.S. application

VERIFICATION SUMMARY

DATE: 05/09/2000

PATENT APPLICATION: US/09/171,432

TIME: 15:52:09

Input Set : A:\genl.txt

Output Set: N:\CRF3\05092000\I171432.raw

L:14 M:220 C: Keyword misspelled, [(F) ZIP:]
L:21 M:220 C: Keyword misspelled, [(v) COMPUTER READABLE FORM:]
L:6 M:200 E: Mandatory Header Field missing, [(i) APPLICANT:] Value not provided
L:0 M:200 E: Mandatory Header Field missing, [(A) ADDRESSEE:]
L:0 M:248 E: Inserted missing Mandatory Header Field, [(iv) CORRESPONDENCE ADDRESS:]
L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:249 C: Inserted Mandatory Field, [(vi) CURRENT APPLICATION DATA:]
L:0 M:249 C: Inserted Mandatory Field, [(A) APPLICATION NUMBER:]
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]

RECEIVED
MAY 30 2000
TECH CENTER 1600/2000